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45

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192

Trp Leu Ser Pro Val Tyr Asp Ser Pro Met Asp Asp Asn Gly Tyr Asp
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240

Ile Ala Asp Tyr Gln Ala Ile Ala Ala Ile Phe Gly Thr Met Glu Asp
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288

Met Asp Glu Leu Ile Ala Glu Ala Lys Lys Arg Asp Ile Arg Ile Ile
85 90 95

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336

Met Asp Leu Val Val Asn His Thr Ser Asp Glu His Ala Trp Phe Val
100 105 110

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384

Glu Ala Cys Glu Asn Pro Asn Ser Pro Glu Arg Asp Tyr Tyr Ile Trp
115 120 125

cgc gat gaa ccc aat gac cta gat tct atc ttt agt ggg tct gct tgg
432

Arg Asp Glu Pro Asn Asp Leu Asp Ser Ile Phe Ser Gly Ser Ala Trp
130 135 140

gaa tac gat gaa aag tca ggt caa tac tat ctc cac ttt ttc agc aag
480

Glu Tyr Asp Glu Lys Ser Gly Gln Tyr Tyr Leu His Phe Phe Ser Lys
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aaa cag ccg gat ctc aac tgg gaa aat gaa aaa ctt cgc cag aaa att
528

Lys Gln Pro Asp Leu Asn Trp Glu Asn Glu Lys Leu Arg Gln Lys Ile

165

170

175

tat gag atg atg aac ttc tgg att gat aag ggt att ggt ggt ttc cgt
576

Tyr Glu Met Met Asn Phe Trp Ile Asp Lys Gly Ile Gly Gly Phe Arg
180 185 190

atg gat gtt att gac atg att ggc aaa att cct gac gag aag gta gtc
624

Met Asp Val Ile Asp Met Ile Gly Lys Ile Pro Asp Glu Lys Val Val
195 200 205

aat aat ggt cct atg ctc cat ccc tat ctc aag gaa atg aat cag gcg
672

Asn Asn Gly Pro Met Leu His Pro Tyr Leu Lys Glu Met Asn Gln Ala
210 215 220

acc ttt gga gat aag gat ctc ttg aca gta ggg gag act tgg gga gca
720

Thr Phe Gly Asp Lys Asp Leu Leu Thr Val Gly Glu Thr Trp Gly Ala
225 230 235 240

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768

Thr Pro Glu Ile Ala Lys Leu Tyr Ser Asp Pro Lys Gly Gln Glu Leu
245 250 255

tct atg gtc ttc cag ttt gaa cat atc ggt ctt cag tat cag gaa ggt
816

Ser Met Val Phe Gln Phe Glu His Ile Gly Leu Gln Tyr Gln Glu Gly
260 265 270

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864

Gln Pro Lys Trp His Tyr Gln Lys Glu Leu Asn Ile Ala Lys Leu Lys
275 280 285

gaa atc ttc aac aaa tgg cag aca gag tta gga gtt gag gag ggc tgg
912

Glu Ile Phe Asn Lys Trp Gln Thr Glu Leu Gly Val Glu Asp Gly Trp

290

295

300

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960

Asn Ser Leu Phe Trp Asn Asn His Asp Leu Pro Arg Ile Val Ser Ile
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1008

Trp Gly Asn Asp Gln Glu Tyr Arg Glu Lys Ser Ala Lys Ala Phe Ala
325 330 335

atc ttg ctt cat ctt atg aga gga act cct tat atc tac caa ggt gag
1056

Ile Leu Leu His Leu Met Arg Gly Thr Pro Tyr Ile Tyr Gln Gly Glu
340 345 350

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1104

Glu Ile Gly Met Thr Asn Tyr Pro Phe Glu Thr Leu Asp Gln Val Glu
355 360 365

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1152

Asp Ile Glu Ser Leu Asn Tyr Ala Arg Glu Ala Leu Glu Lys Gly Val
370 375 380

ccg atg caa gaa atc atg gac agt atc cgt gtt att gga cgt gac aat
1200

Pro Met Gln Glu Ile Met Asp Ser Ile Arg Val Ile Gly Arg Asp Asn
385 390 395 400

gcc cgt acc cct atg caa tgg gac gag agc aaa aac gct ggt ttc tca
1248

Ala Arg Thr Pro Met Gln Trp Asp Glu Ser Lys Asn Ala Gly Phe Ser
405 410 415

aca ggt caa cct tgg ttg gca gtt aat cca aat tac gag atg atc aac
1296

Thr Gly Gln Pro Trp Leu Ala Val Asn Pro Asn Tyr Glu Met Ile Asn

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420

425

430

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1344

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Phe Glu Leu Leu Asp Thr Ala Asp Lys Val Phe Ala Tyr Ile Arg Lys
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1488

Asp Gly Asp Arg Arg Phe Leu Val Val Ala Asn Leu Ser Asn Glu Glu
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caa gac ttg aca gta gaa gga aaa gtc aaa tct gtc ttg att gaa aac
1536

Gln Asp Leu Thr Val Glu Gly Lys Val Lys Ser Val Leu Ile Glu Asn
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